

REMARKS

Claims 11 and 13 to 20 were rejected under 35 U.S.C. §102(b) as being anticipated by Eckelmeyer, U.S. Patent No. 4,271,379.

Claim 11 is hereby amended to include the limitations previously recited in claim 18. Claim 18 is hereby canceled without prejudice. Claim 21 is new. Support for claim 21 may be found in paragraph [0023], for example.

Reconsideration of the application based on the foregoing amendments and following remarks is respectfully requested.

Rejections under 35 U.S.C. §102(b)

Claims 11 and 13 to 20 were rejected under 35 U.S.C. §102(b) as being anticipated by Eckelmeyer, U.S. Patent No. 4,271,379.

Eckelmeyer discloses encoders 52, 54 associated with respective first and second motors 25, 50 to produce pulse trains which are compared for motor speed relationship. (Fig. 1, col. 3, lines 35 *et seq.*). If the relationship is not correct, the energization of the second motor is varied to correct the error. (Id.).

As amended claim 11 recites “[a] rotary element of a printing press comprising:
an encoder for generating a periodic first signal in response to rotation of the rotary element; and

an evaluation unit linked to the encoder having;

a first synthesizer for generating a second signal having a resolution ratio, a frequency ratio, and a phase relation to the first signal,

a control interface for data exchange coupled to the first synthesizer for setting at least one of the resolution ratio, the frequency ratio and the phase relation of the first signal to the second signal based on data input by a user and transmitted to the first synthesizer, and

a further synthesizer for generating a further signal, the further signal having a further resolution ratio, a further frequency ratio, and a further phase relation to the first signal, at least one of the further resolution ratio or the further frequency ratio or the further phase relation of the further signal being different from the resolution ratio, frequency ratio or phase relation, respectively, of the second signal,

the second signal and the further signal being mutually independent from one another.”

Eckelmeyer does not show or teach “the second signal and the further signal being mutually independent from one another” as now recited in claim 11. Eckelmeyer discloses an encoder 54 that supplies a pulse train signal which is conditioned by multiplier and/or divider circuits, which include amplifier 74 and divider 84. The signals generated by encoder 54, divider 84 and amplifier 74 are not mutually independent since they are linked to one another in a sequential manner. (See Fig. 2). Thus, Eckelmeyer does not teach a “the second signal and the further signal being mutually independent from one another” as recited in claim 11.


Withdrawal of the rejections to the claims under 35 U.S.C. §102(b) is respectfully requested.

CONCLUSION

The present application is respectfully submitted as being in condition for allowance and applicants respectfully request such action.

Respectfully submitted,
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